



CDC-103 11/95 PTO RECEIPT FOR INDICATED ITEMS

Appln. No: (to be assigned) Atty: MJD  
Inventor(s): Lee Date: March 31, 1997  
Title: Substrate Bias Client Ref.: P3334A/SS/cys  
Generator in ... C#: 70691 /M#: 234072

ENCLOSED:

- ☒ Request for Rule 62 Continuation Application  
(in duplicate)  
☐ No. of Pages Spec and Claims  
☐ No. of numbered Claims only  
☐ No. of Pages Abstract  
☐ No. Sheets Drawings (Figs. \*)  
[ ] 1 set Formal; [ X ] 1 set Informal  
☐ Declaration (1 #pg)  
☐ Preliminary Amendment  
☐ Request for Approval of Drawing Amendment,  
with amended Figures \*

\$770.00 Fee (Check)

**PLEASE AFFIX RECEIPT DATE STAMP AND RETURN**  
**CURRENT DUE DATE: March 30, 1997**

CDC-103 11/95 PTO RECEIPT FOR INDICATED ITEMS

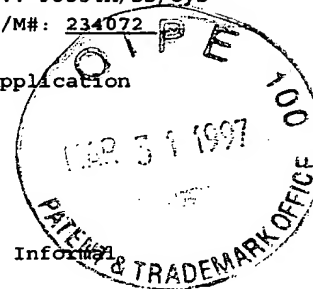
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\$770.00 Fee (Check)

**PLEASE AFFIX UNOFFICIAL SERIAL NUMBER AND RETURN BY MAIL**  
**CURRENT DUE DATE: March 30, 1997**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
REQUEST FOR FILING APPLICATION UNDER RULE 53(a), (b) & (d)

PATENT  
APPLICATION

(No Filing Fee or Oath/Declaration)

(Do NOT use for PCT Applications)

For Design or Utility Applications

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231  
Sir:

RULE 53(d)

NO DECLARATION

Atty. Dkt. 213472 / P3334/SS

M# / Client Ref.

Date: Monday January 23, 1995

1. This is a Request for filing a new PATENT APPLICATION ([ ] Design [ ] Utility) entitled:  
2. (Complete Title): SUBSTRATE BIAS GENERATOR IN SEMICONDUCTOR MEMORY DEVICE

without a filing fee or Oath/Declaration but for which is enclosed the following:

3. [X] Abstract 1 page(s).  
4. 13 Pages of Specification (only spec. and claims) 5. [ ] Specification in non-English language  
6. 6 Numbered claim(s); and  
7. [X] Drawings: 3 sheet(s) per set: [ ] 1 set informal; 8. [X] formal of size: [X] A4 [ ] 13" [ ] 14"  
9. [X] Priority is claimed 35 USC 119/365 from foreign application(s) filed in KOREA

(country)

Application No.	Filing Date	Application No.	Filing Date
(1) 1124/1994	Jan. 21, 1994	(3)	
(2)		(4)	

10. 1 (No.) Certified copy/copies of priority application(s) attached.  
11. This is a [ ] Reissue of USP [ ] CONT [ ] DIV [ ] CIP [ ] SUBSTITUTE Appln (MPEP  
12. 201.09) of Appln. No. 0 / filed , wherein  
13. extension to date: [ ] concurrently filed [ ] not needed [ ] previously filed.  
14. [ ] Attached:

15. This application is made by the following named inventor(s) (Double check instructions for accuracy.):

(1) Inventor Hee-Chun LEE Korea  
First Middle Initial Family Name Country of Citizenship  
Residence (City) Seoul (State/Foreign Country) KOREA  
Post Office Address Joogong Apt. 913-206, No. 688 Ilwon-dong, Kangnam-gu  
(include Zip Code) Seoul - Korea

(2) Inventor  
First Middle Initial Family Name Country of Citizenship  
Residence (City) (State/Foreign Country)  
Post Office Address  
(include Zip Code)

(3) Inventor  
First Middle Initial Family Name Country of Citizenship  
Residence (City) (State/Foreign Country)  
Post Office Address  
(include Zip Code)

(4) Inventor  
First Middle Initial Family Name Country of Citizenship  
Residence (City) (State/Foreign Country)  
Post Office Address  
(include Zip Code)

15. NOTE: FOR ADDITIONAL INVENTORS, check box [ ] and attach sheet with same information.

1100 New York Avenue, N.W.

CUSHMAN DARBY & CUSHMAN, L.L.P.

Ninth Floor, East Tower

By Atty: David W. Brinkman

Reg. No. 20817

Washington, D.C. 20005-3918

(202) 861-3000

Fax: (202) 822-0944

Atty/Sec: DWB:nmm

Sig:

Tel.: (202) 861-3033

NOTE: File in duplicate with 2 post card receipts (CDC-103) and attachments.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
REQUEST FOR FILE WRAPPER CONTINUING APPLICATION UNDER 37 CFR 1.62**

**PATENT  
APPLICATION**

**(RULE 62)  
For Design or Utility Applications**

**BOX FWC**

The Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

This is a RULE 62 Request for filing a

Prior Application:

Group Art Unit: 2504

Examiner: T. CUNNINGHAM

Atty Dkt: 220312 / P3334/SS-CONT

new M# / Client Ref.

(Our Deposit Account No. 03-3975)

(Our Order No. 9666 / 220312)

C# / new M#

Date: February 2, 1996

☐ divisional

☒ continuation ( **Exr. NOTE:** any election in parent as to species/restriction requirement:

☐ is carried over with traverse) ☐ is not carried over)

☐ continuation-in-part without new Declaration (Rule 53(d)) ☐ without fee

☐ continuation-in-part (with new Declaration attached hereto)

of prior copending parent Application No. 08 / 376,347

series code ↑ ↑ serial no.

filed on January 23, 1995, entitled SUBSTRATE BIAS GENERATOR IN SEMICONDUCTOR MEMORY DEVICE

by the following named inventor(s) who is/are ☐ the same as, ☐ less than all of (see Item 17),

☐ more than (for CIP only), those named in that parent application:

1. Inventor Hee-Chun LEE Korea

First

Middle Initial

Family Name

Country of Citizenship

Residence (City) Seoul

(State/Foreign Country) Korea

Post Office Address Joogong APT. 913 206 No. 688, Ilwon-dong, Kangnam-qu, Seoul, Korea

(include Zip Code)

2. Inventor

First

Middle Initial

Family Name

Country of Citizenship

Residence (City)

(State/Foreign Country)

Post Office Address

(include Zip Code)

3. Inventor

First

Middle Initial

Family Name

Country of Citizenship

Residence (City)

(State/Foreign Country)

Post Office Address

(include Zip Code)

4. Inventor

First

Middle Initial

Family Name

Country of Citizenship

Residence (City)

(State/Foreign Country)

Post Office Address

(include Zip Code)

5. Inventor

First

Middle Initial

Family Name

Country of Citizenship

Residence (City)

(State/Foreign Country)

Post Office Address

(include Zip Code)

**NOTE: FOR ADDITIONAL INVENTORS**, check box ☐ and attach sheet (CDC-110A) with same information for each inventor starting with inventor No. 6 and number new page 1A.

**Requirement of Rule 62:** Rule 62 filings are to be used only when the issue fee has not been paid (except as noted below) in the above-identified prior application nor that application abandoned or its proceedings terminated. This Rule 62 filing will be considered by the PTO as an express abandonment of that prior application except when this Rule 62 filing is pursuant to Rule 313(b)(5), i.e., when the issue has been paid in the prior application and a petition filed to abandon that application to permit an IDS to be considered in this Rule 62 application. (Note: 37 CFR 1.53 (Rule 53) may be used for continuations and divisions where the prior application is not to be abandoned.)

2. ☐ The issue fee has been paid in the parent, but this Rule 62 Request follows a Rule 313(b)(5) petition, and per 1138 OG 40 waiver is respectively requested of that part of Rule 62 which prohibits use of the rules to file an FWC after payment of the issue fee.
3. ☒ Priority is claimed under 35 U.S.C. 119/365 based on filing in Korea of:
 

Application No.	Filing Date	Application No.	Filing Date
(1) <u>1994-1124</u>	<u>Jan. 21, 1994</u>	(4) _____	_____
(2) _____	_____	(5) _____	_____
(3) _____	_____	(6) _____	_____

  - a. ☐ \_\_\_\_\_ (No.) Certified copy/copies attached.
  - b. ☒ Certified copy/copies previously filed on January 23, 1995 in prior U.S. Application No. 08/376,347, filed on January 23, 1995  

series code ↑
↑ serial no.
  - c. ☐ Certified copy/copies filed during International stage of PCT/\_\_\_\_\_/\_\_\_\_\_.
  - d. ☐ Priority is also claimed from PCT/\_\_\_\_\_/\_\_\_\_\_ filed \_\_\_\_\_.
4. ☒ The prior application is assigned of record to SAMSUNG ELECTRONICS CO., LTD.  
 by Assignment recorded March 23, 1995 Reel 7407 Frame 816-817  
 Date \_\_\_\_\_
5. ☐ Attached is an Assignment Cover Sheet.  
 Please return the recorded Assignment to the undersigned.
6. ☒ The power of attorney in the prior application is to David W. Brinkman Reg. No. 20,817  
 \_\_\_\_\_  
 (Name, Reg. No.)  
 the address of whom is in item 8.
7. ☒ Recognize as associate attorney David A. Jakopin Reg. No. 32,995  
 \_\_\_\_\_  
 (Name and Reg. No.; Address as in item 8 unless otherwise indicated)
8. **Address all future communications to Cushman Darby & Cushman, L.L.P. Ninth Floor, East Tower 1100 New York Avenue, N.W., Washington, D.C. 20005-3918.**
9. Amend the specification by inserting before the first line (in place of any comparable insert previously requested in any prior application) the sentence: --This is a  
☐ continuation-in-part (CIP)                      ☒ continuation                      ☐ division  
 of Application No. 08 / 376,347, filed on January 23, 1995, which was  
       series code ↑        ↑ serial no.  
 abandoned upon the filing hereof \_\_\_\_\_
10. ☐ \_\_\_\_\_ (No.) Verified Statement(s) establishing "small entity" status under Rules 9 and 27
  - a. ☐ filed in above prior application (and hence applicable hereto)
  - b. ☐ attached.

**Requirement of Rule 62:** It is understood that secrecy under 35 U.S.C. 122 is hereby waived to the extent that if information or access is available to any one of the applications in the file wrapper of a 37 CFR 1.62 application, be it either this application or a prior application in the same file wrapper, the Patent and Trademark Office may provide similar information or access to all the other applications in the same file wrapper.

12. Petition to extend the life of the above prior application to at least the date hereof

NOTE: (One box) ☐ is being concurrently filed in that prior application (Use Form CDC-111).  
 (must be) ☐ was previously filed in that prior application (Check length of prior extension).  
 (X'd) ☒ is not necessary for copendency ( double check before X'ing this box).

13. ☐ Please enter the amendment previously filed on \_\_\_\_\_  
 but unentered in the above prior application.

14. ☐ Attached: \_\_\_\_\_ sheet(s) per set of drawing of Fig(s) \_\_\_\_\_  
☐ 1 set informal; ☐ formal of size: ☐ A4 ☐ 13" ☐ 14"

15. ☐ **PRELIMINARY AMENDMENT to be entered before fee calculation** (Do not make amendments here except cancellation of whole claims or multiple dependencies for purpose of reducing the filing fee per MPEP §§ 506 and 607; do not cancel all claims.):

16. ☐ Attached is a Rule 103(a) Petition to Suspend Action

17. Petition is hereby made requesting deletion as inventor(s) of the following who is/are not inventor(s) of the invention being claimed in this Rule 62 application:

1. \_\_\_\_\_ 2. \_\_\_\_\_  
 3. \_\_\_\_\_ 4. \_\_\_\_\_

18. ☐ This Rule 62 application is a continuation-in-part which discloses and claims additional matter and the amendments in attached Amendment are to be considered an integral part of the CIP ab initio.

a. ☐ New Declaration is attached.

b. ☐ This application is also filed under Rule 53(d) (without a Declaration) and hence filing fee is not enclosed.

#### FILING FEE

THE FOLLOWING FILING FEE IS BASED ON THE CLAIMS  
 EXISTING IN THE PRIOR APPLICATION AS AMENDED AT 13 AND 15 ABOVE

	see box 10 re:	Large/Small Entity	Fee Code
19. Basic filing fee -----	Design Appln. --	\$310/\$155 \$ _____	(106/206)
20. Basic filing fee -----	<u>Not</u> Design Appln. --	\$750/\$375 \$ <u>750.00</u>	(101/201)
21. Total Effective Claims <u>6</u> minus 20 =	* <u>0</u> x \$22/\$11 =	+ <u>0.00</u>	(103/203)
22. Independent Claims <u>3</u> minus 3 =	* <u>0</u> x \$78/\$39 =	+ <u>0.00</u>	(102/202)
* If answer is zero or less, enter "0"			
23. If <u>any proper</u> (ignore improper) multiple dependent claim is present, -----	add \$250/\$125	+ <u>0.00</u>	(104/204)
24.	<b>TOTAL FILING FEE =</b>	\$ <u>750.00</u>	
25. If "assignment" box 5 above is X'd, -----	add recording fee (\$40.00)	+ <u>0.00</u>	(581)
26. If "petition" box 16 above is X'd, -----	add petition fee (\$130.00)	+ <u>0.00</u>	(122)
27.	<b>FEE ATTACHED =</b>	\$ <u>750.00</u>	(carry forward to line 36)

29. [ ] Preliminary Amendment attached (to be entered after assigning Appln. No.).  
 (Do NOT X box 28 or 29 for CIP Amendment. See box 18)
29. [ ] The following PRELIMINARY AMENDMENT is to be entered after assigning Appln. No.:

30. [ ] ATTACHED:

31.

**ADDITIONAL FEE CALCULATION FOR  
PRELIMINARY AMENDMENT  
PER BOXES 28/29**

	Claims remaining after amendment	Highest number previously paid for	Present Extra		Additional Fee	
				<u>Large/Small Entity</u>		<u>Fee Code</u>
32. Total Effective Claims	<u>6</u>	minus ** <u>20</u>	= * <u>0</u>	x \$22/\$11 =	\$ <u>0</u>	(103/203)
33. Independent Claims	<u>3</u>	minus *** <u>3</u>	= * <u>0</u>	x \$78/\$39 =	+ <u>0</u>	(102/202)
34. If amendment enters proper multiple dependent claim(s) into this application for the <u>first time</u> .				----- add \$250/125 (per application)	+ <u>0</u>	(104/204)
35.				ADDITIONAL FEE	\$ <u>0</u>	
36.				<u>plus</u> FEE from item 27 on page 3	+ <u>750.00</u>	
37.				<b><u>TOTAL FEE ATTACHED</u></b>	\$ <u>750.00</u>	

38.\*If the entry in the first space is less than entry in the middle space, the "Present Extra" result is "0".

39.\*\*If the "Highest number previously paid for" (see item 21 above) is less than 20, write "20" in this space.

40.\*\*\*If the "Highest number previously paid for" (see item 22 above) is less than 3, write "3" in this space.

41. **CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached.

**This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.**

CUSHMAN DARBY & CUSHMAN, L.L.P.

1100 New York Avenue, N.W.  
Ninth Floor, East Tower  
Washington, D.C. 20005-3918  
(202) 861-3000  
Atty/Sec: DAJ/cjl

By Atty: David A. Jakopin

Reg. No. 32,995

Sig: 

Fax: (202) 822-0944

Tel.: (202) 861-3739

**NOTE: No: 1:** File this Request in duplicate with 2 postcard receipts (CDC-103) & attachments.

**NOTE: No: 2:** Is extension in parent necessary for copendency? **DOUBLE CHECK** Item 12 above.